

## Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

Claims 1-11. Cancelled.

12 (Currently amended). A device for the layer-by-layer manufacture of a three-dimensional object by means of selective hardening at those sites of a layer of a building material that correspond to the cross-section of the object through the use of a laser, the device comprising:

a laser that provides radiation; and

a focussing unit that focusses the radiation to provide a focussed beam;

wherein the laser comprises a switching element for changing the modal composition of the laser radiation which changes the modal composition of the laser radiation between a first setting in which a fundamental Gauss mode is emitted and higher order modes are suppressed and a second setting in which the radiation contains additional higher order modes and the overall power of the radiation is increased ~~wherein the modal composition of the laser is changed during manufacture of a three-dimensional object.~~

13 (Previously presented) The device according to Claim 12, further comprising a beam expansion element.

14 (Previously presented) The device according to Claim 12, wherein the switching element comprises at least one mode aperture.

15 (Previously presented). The device according to Claim 14, further comprising a beam expansion element.

16 (Withdrawn). A method for the layer-by-layer manufacture of a three-dimensional object by the application of laser radiation to the sites of a layer corresponding to the cross-section of the object, said method comprising:

providing laser emitting a beam of radiation and comprising a switching element for changing the modal composition of the laser radiation;

manufacturing the three dimensional object using the laser; and

operating the laser during the manufacture with the modal composition being adjustable.

17 (Withdrawn). The method according to Claim 16, further comprising changing the modal composition to supply a desired amount of energy.

18 (Withdrawn). The method according to Claim 16, further comprising changing the modal composition to a lower order mode depending upon the site on the layer that is impacted by the laser radiation.

19 (Withdrawn). The method according to Claim 16, further comprising changing the modal composition to the fundamental mode depending upon the site on the layer that is impacted by the laser radiation.

20 (Withdrawn). The method according to Claim 16, further comprising limiting the modal composition to the fundamental mode in a marginal area of a partial area of a layer, wherein said marginal area is impacted by the laser radiation, and providing higher order modes of the modal composition, in addition to the fundamental mode, in an inner area of the partial area of the layer.

21 (Withdrawn). The method according to Claim 16, further comprising focussing the laser radiation before it impacts the layer.

22 (Withdrawn). The method according to Claim 21, wherein the laser radiation is focussed depending on its modal composition.

23 (Withdrawn). The method according to Claim 22, further comprising focussing the laser radiation more strongly in a marginal area of a partial area of a layer, wherein said marginal area is impacted by the laser radiation, than the laser radiation is focussed in an inner area of the partial area.

24 (Withdrawn). The method according to Claim 16, further comprising:  
focussing the laser radiation before it impacts the layer, therefore providing a focussed beam;  
moving the focussed beam across the layer; and  
changing the modal composition depending upon the rate at which the focussed beam is moved across the layer.